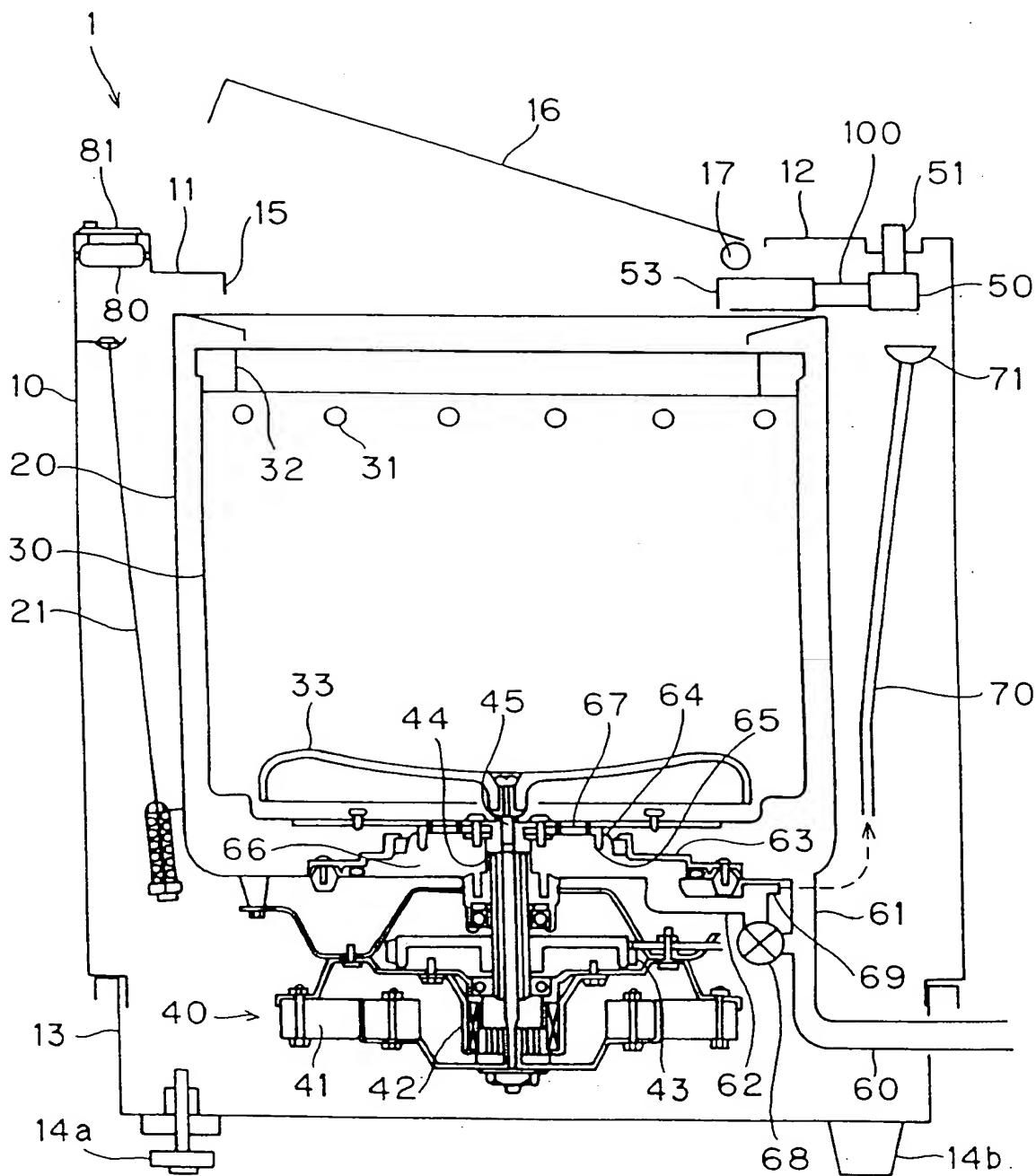
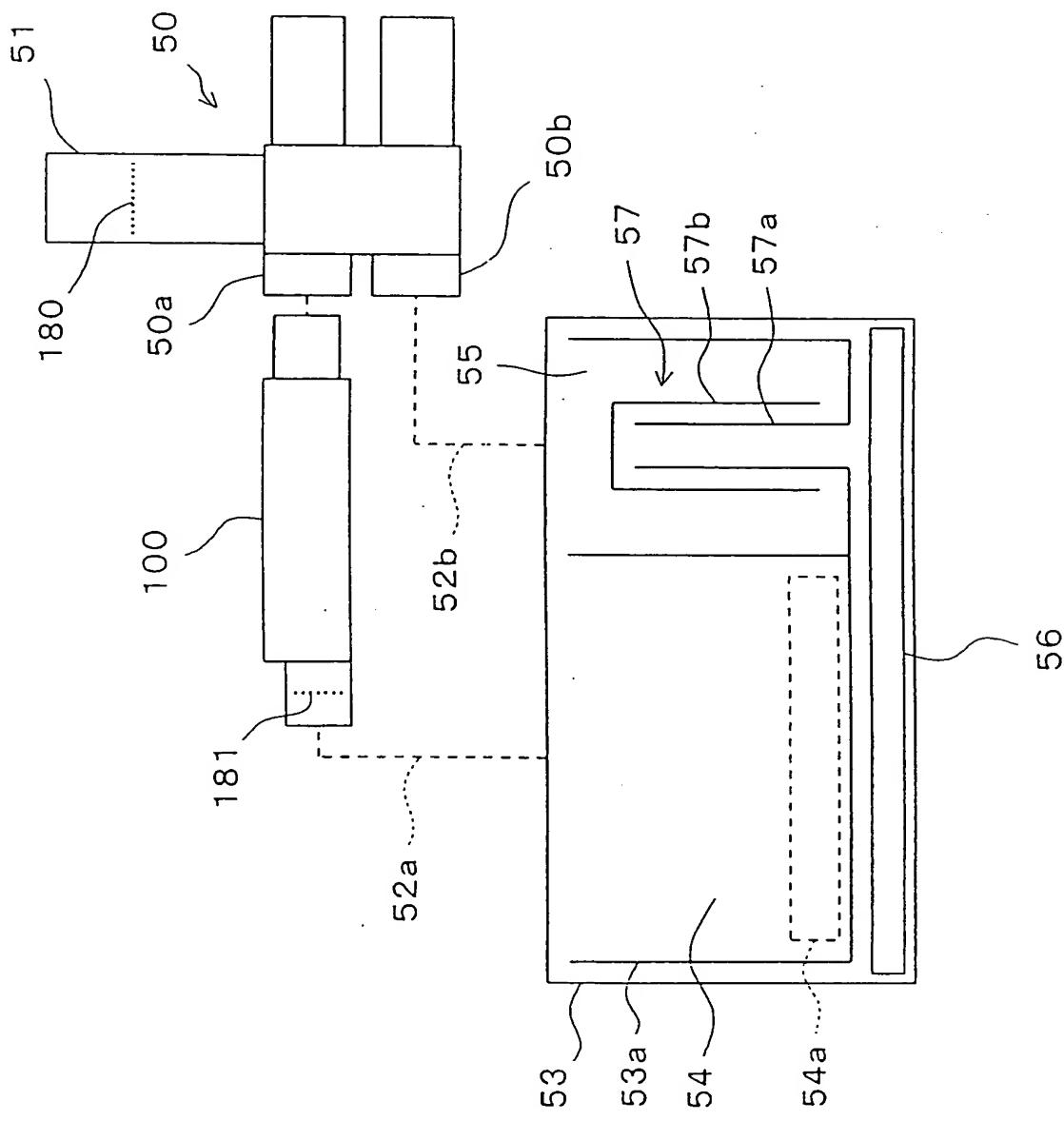


FIG.1



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FIG.2



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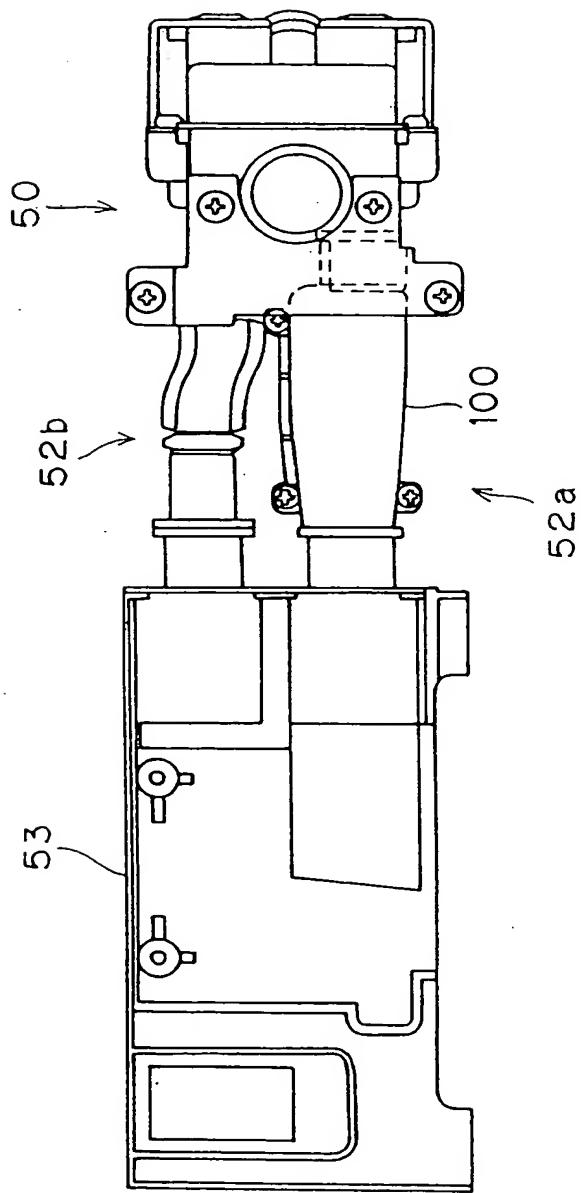
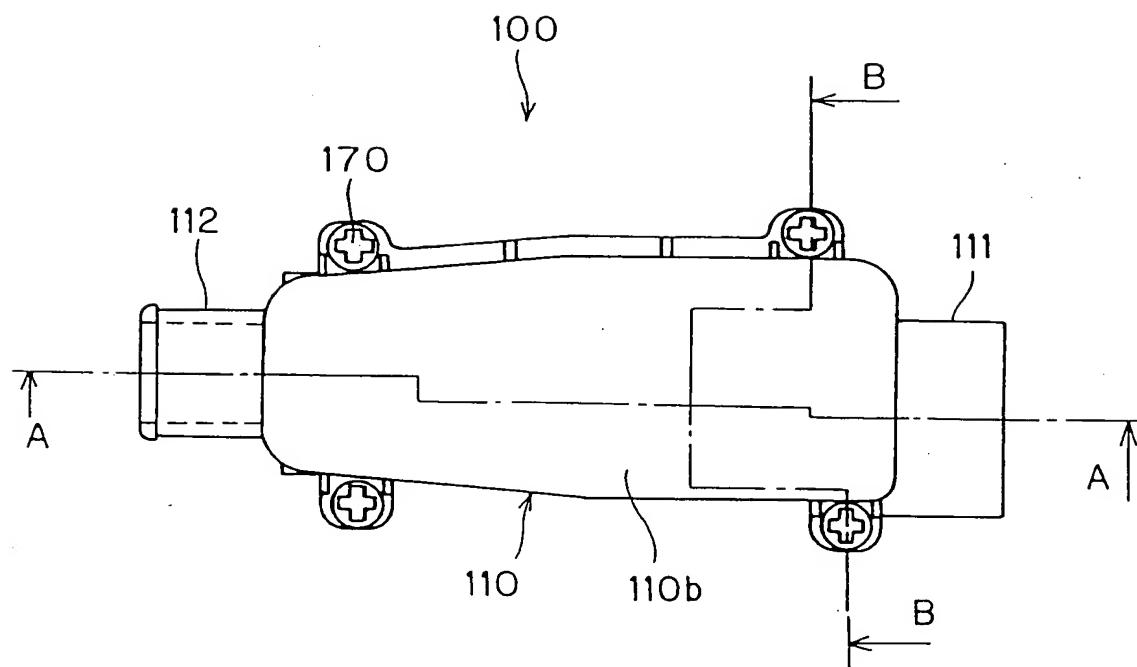


FIG.3

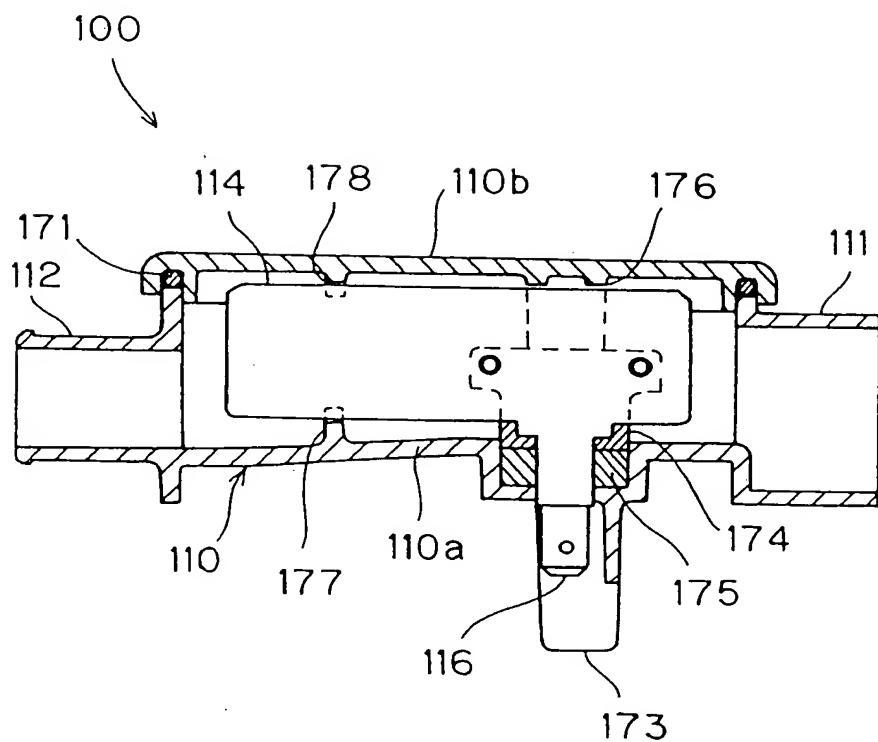
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FIG.4



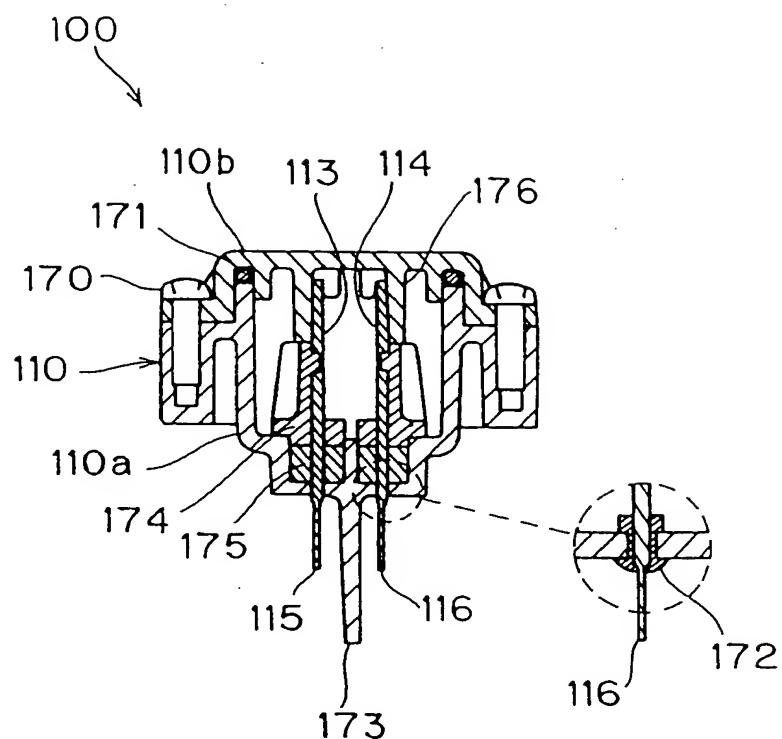
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FIG.5



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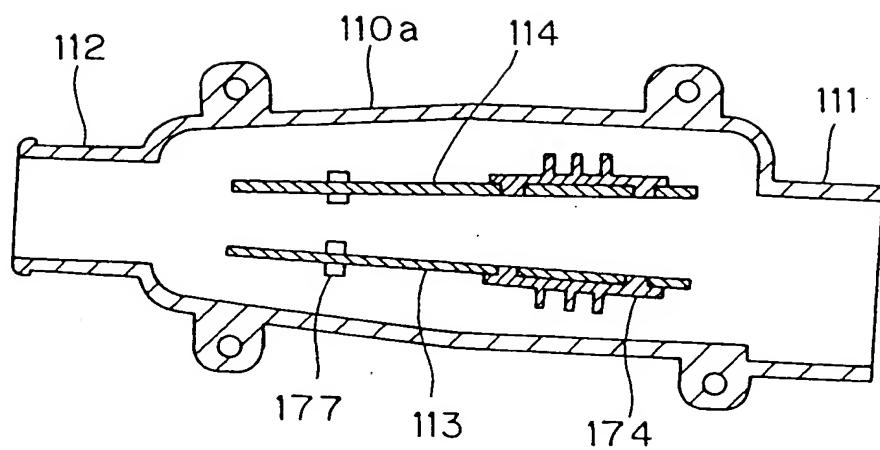
FIG.6



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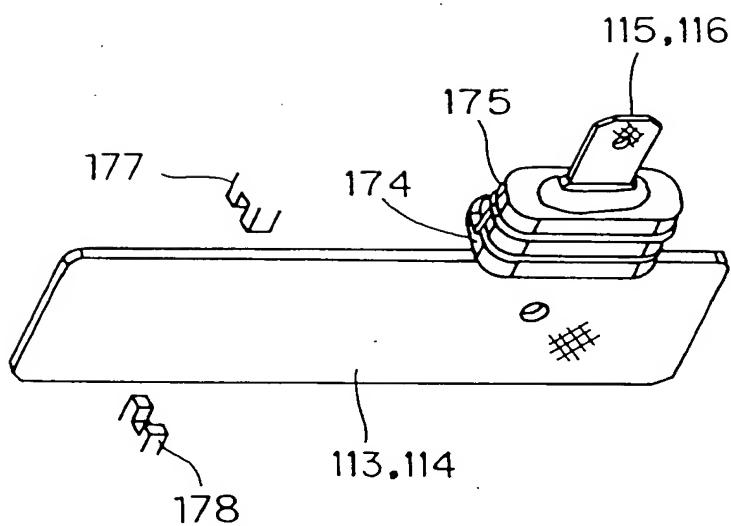
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FIG.7



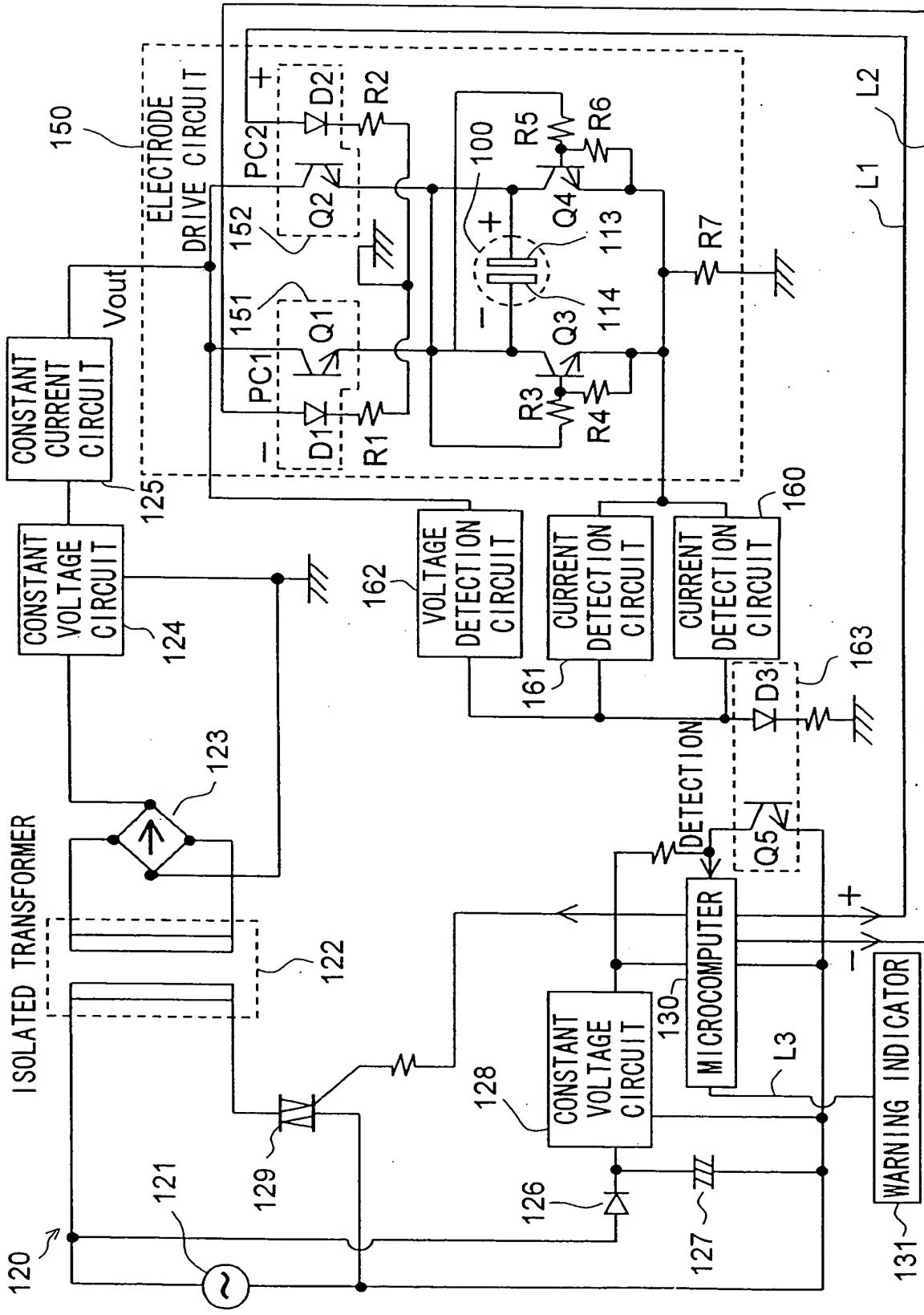
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FIG.8



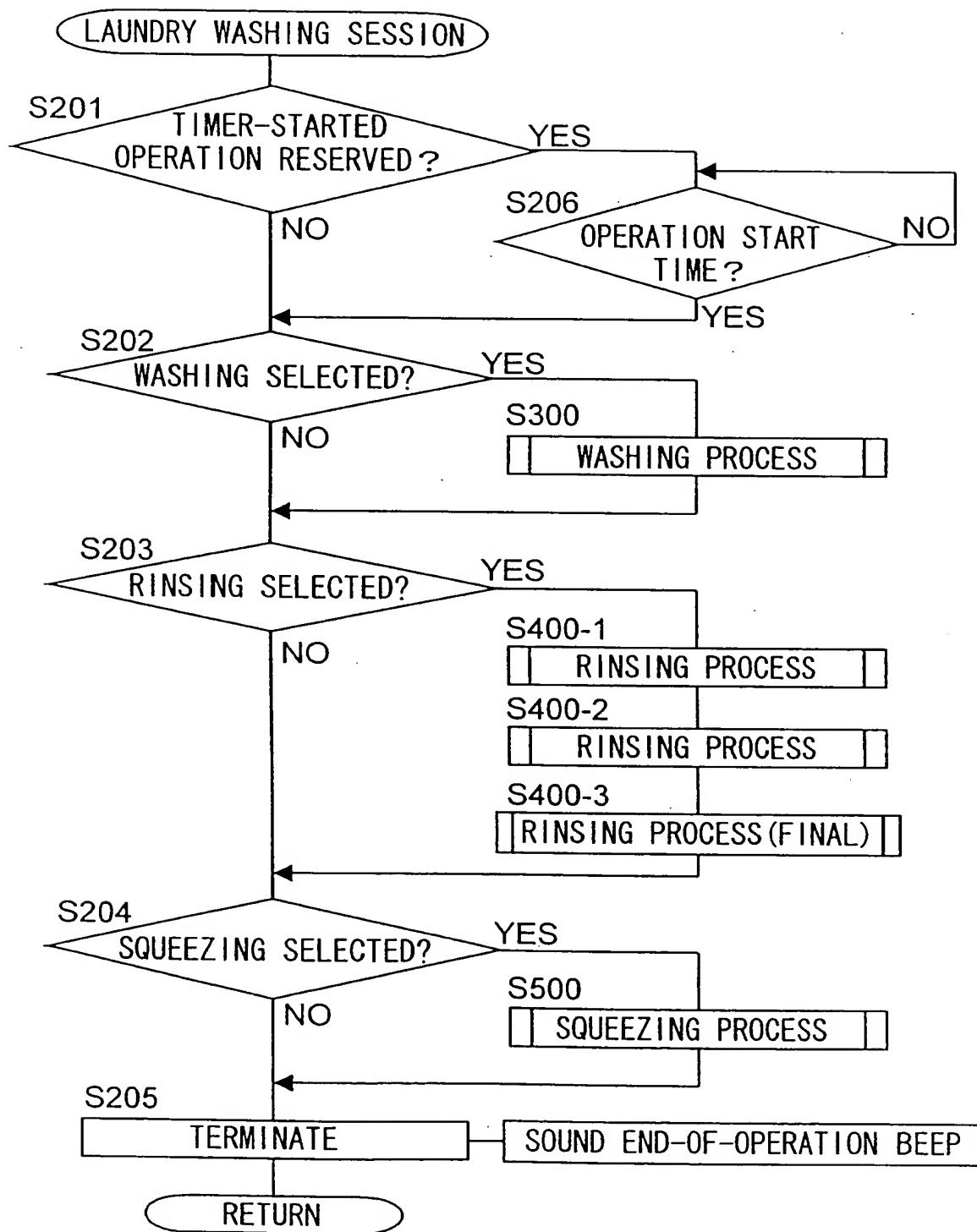
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FIG. 9



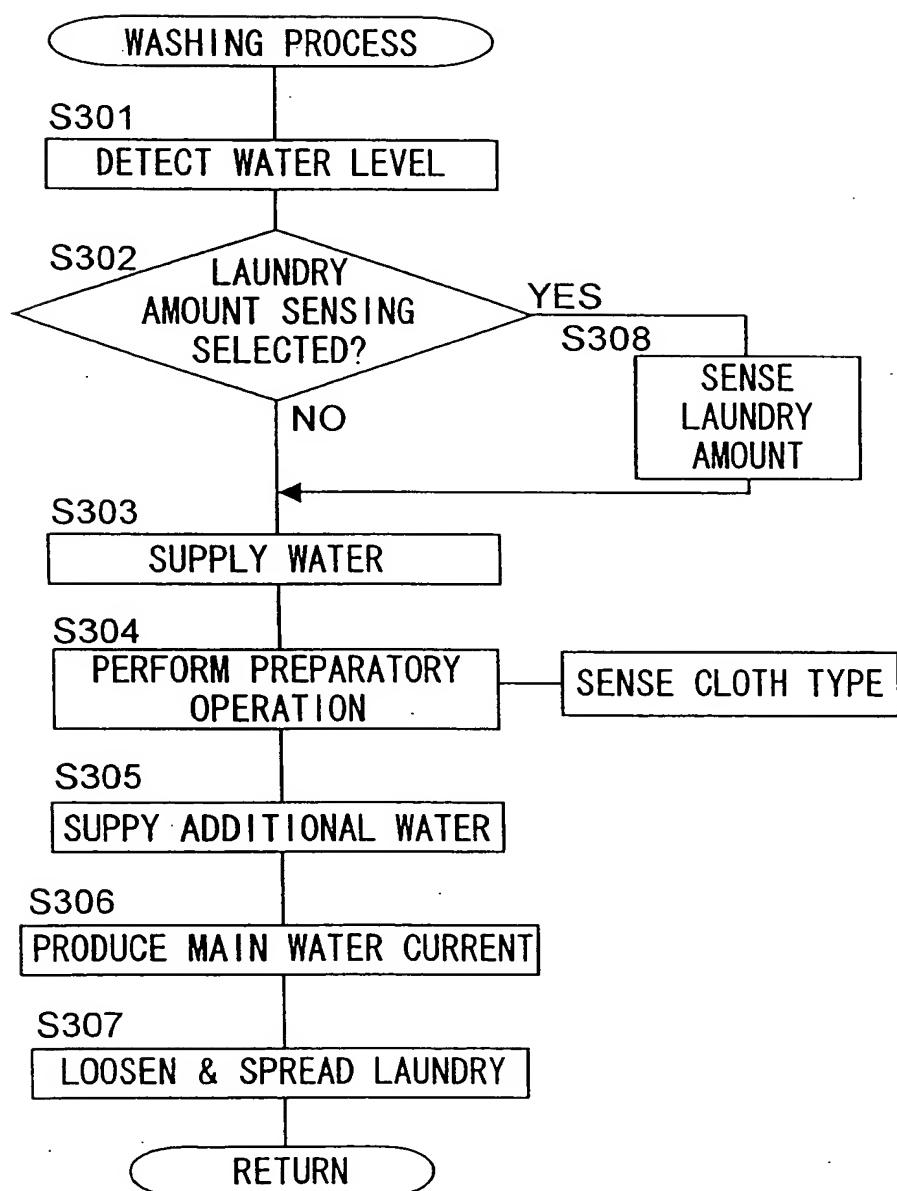
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FIG.10



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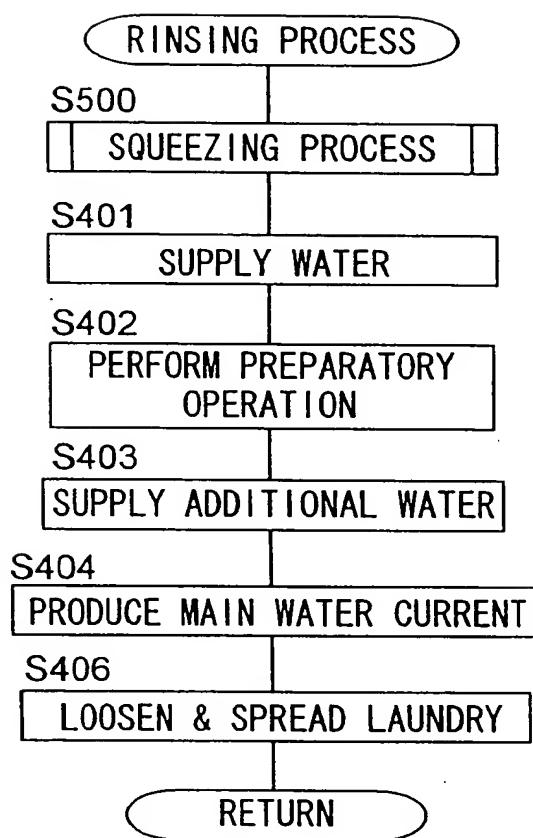
FIG.11



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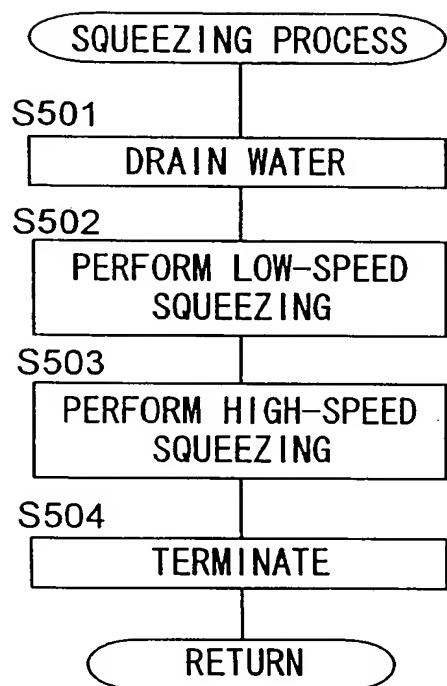
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FIG.12



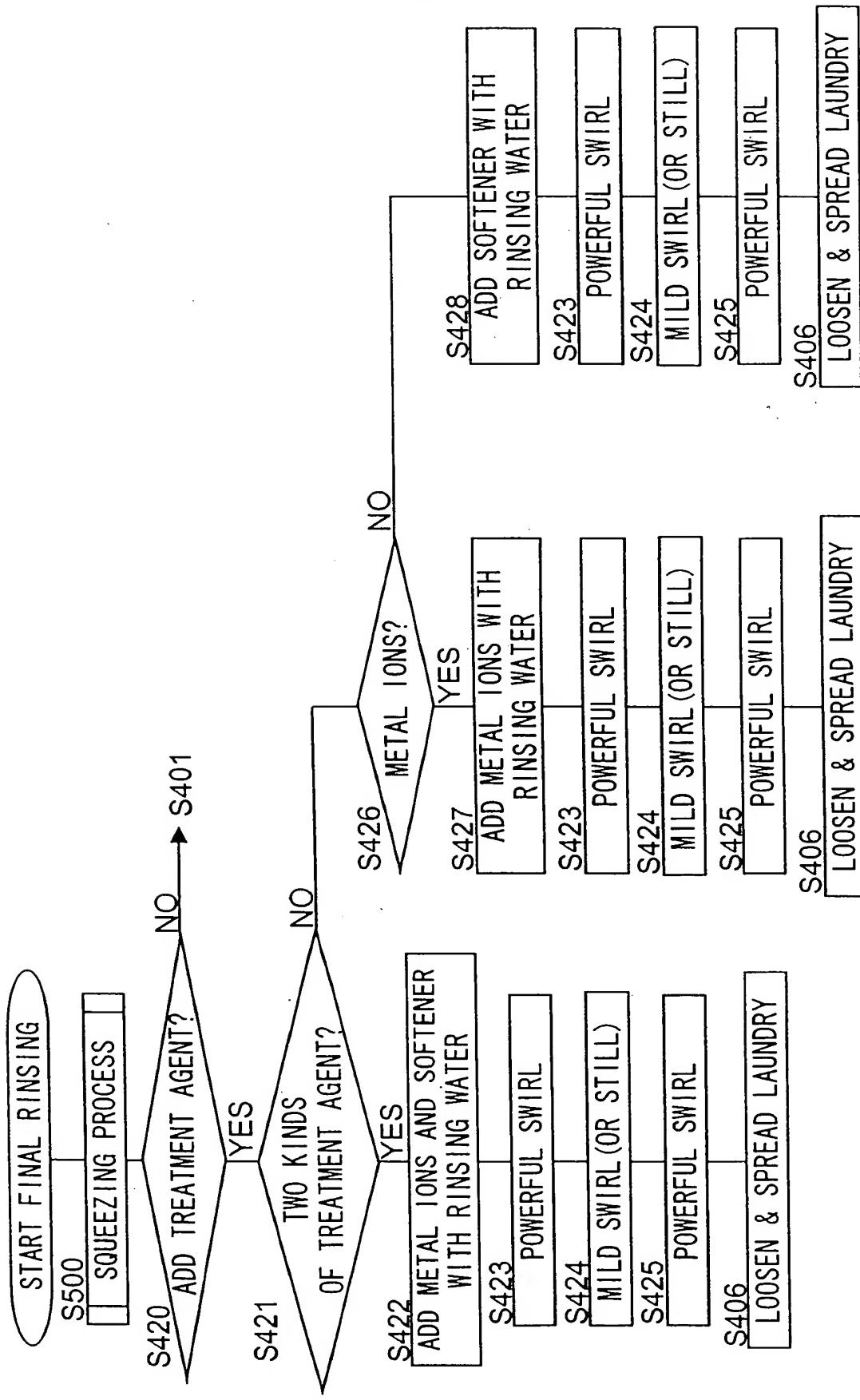
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FIG.13



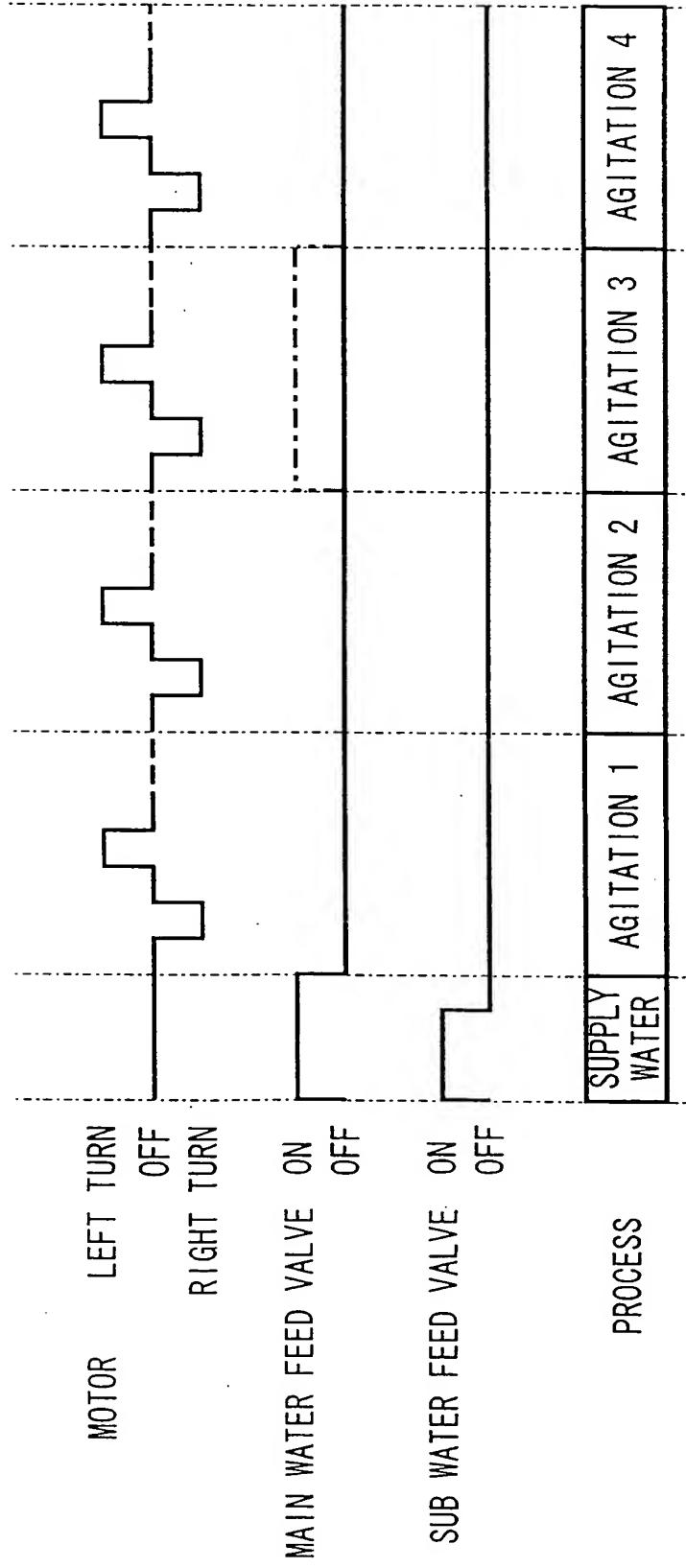
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FIG. 14



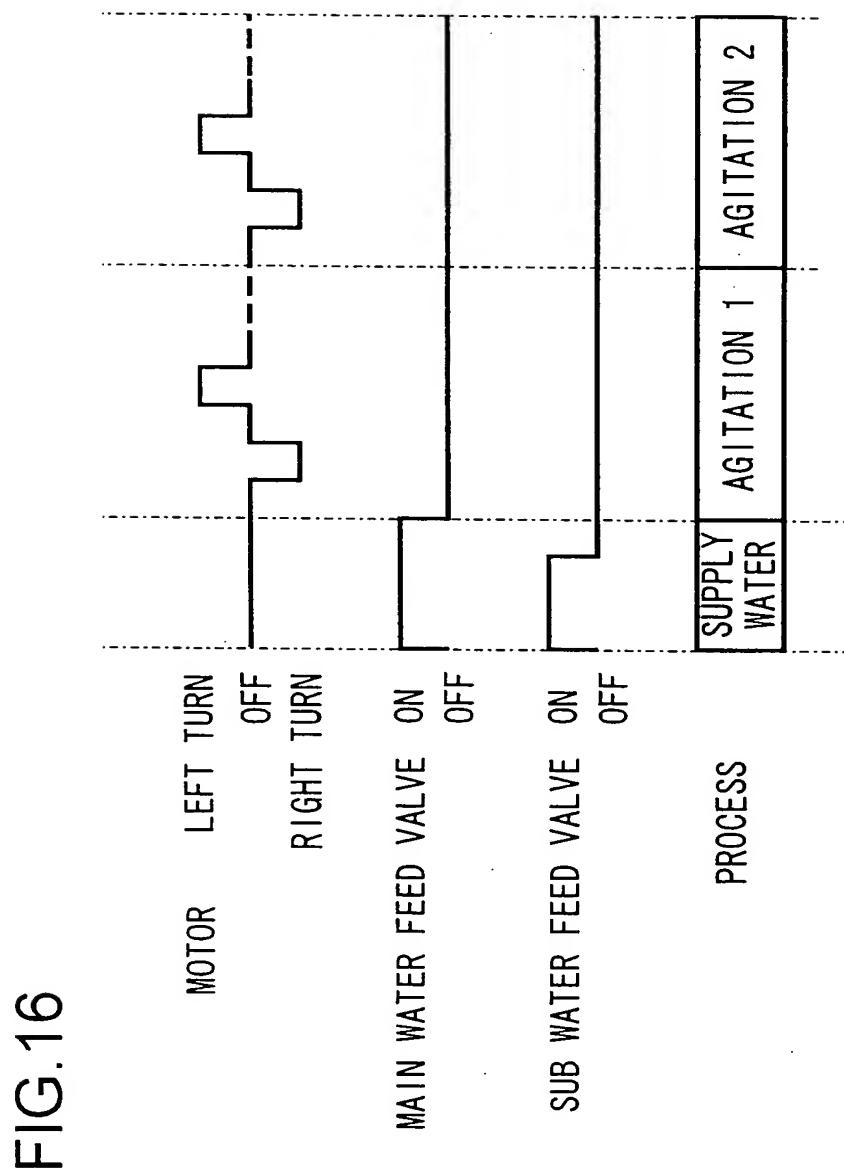
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FIG. 15



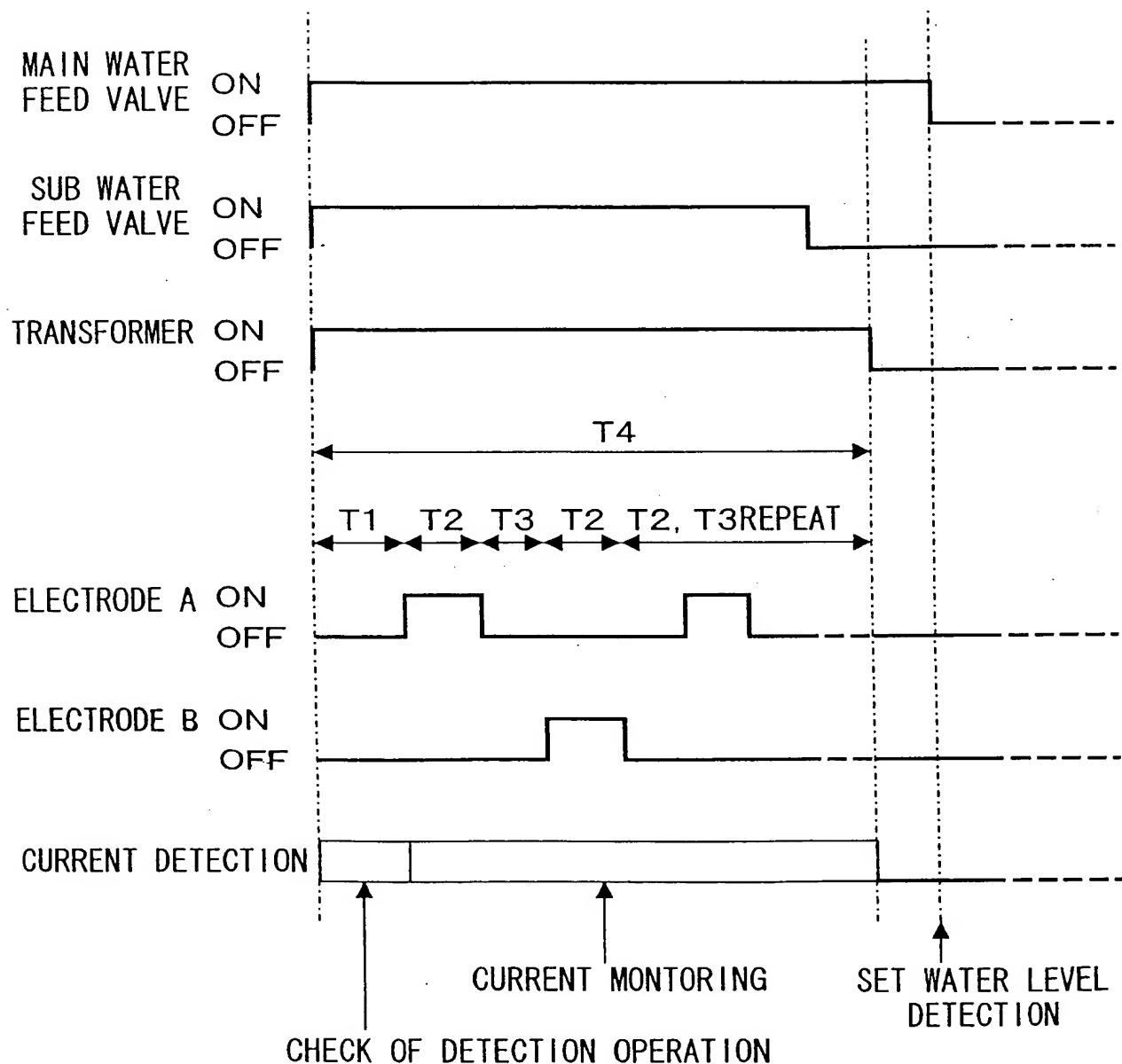
10/535700

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FIG.17



T1: CURRENT DETECTION CIRCUIT  
OPERATION CHECKING PERIOD

T2: VOLTAGE APPLICATION PERIOD

T3: VOLTAGE APPLICATION HALT PERIOD

T4: ION ELUTION PERIOD